

# United States Patent Office.

SANFORD J. BAKER, OF MADISON CENTRE, MAINE.

Letters Patent No. 104,097, dated June 14, 1870.

## IMPROVEMENT IN HORSESHOES.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, SANFORD J. BAKER, of Madison Centre, in the county of Somerset and State of Maine, have invented a new and useful Improvement in Horseshoes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in horseshoes, for spreading the heel of horses that have become too contracted; and

It consists in jointing the two parts of the shoe at the front to a plate, to which the toe-calk is attached, by a rivet through each part and a central rivet at the space between the ends of the two parts, the latter to prevent the two parts from shifting forward or back.

It also consists in beveling the rear parts of the shoe from the inside outward and downward, so that the walls of the heel fitted thereon will be gently forced outward; and

It also consists in the application to the said rear parts of a spreading-screw, for gradually setting the parts outward from time to time, when the shoe is attached to the foot, to spread the heel.

Figure 1 is a plan view of my improved shoe and a section of the adjusting-screw.

Figure 2 is a section on the line *xx* of fig. 1.

Similar letters of reference indicate corresponding parts.

A and B represent the two parts of the shoe.

They are pivoted to a plate, C, at the front by pivots D.

E is a pivot attached to the plate C, to rise up between the ends of the two parts, fitted to it, so as to prevent either part from shifting forward or back, relatively to the other.

The toe-calk F is attached to the plate C.

The rear parts of the two parts A B are beveled downward from the inner edges, on the upper faces, at I, to cause the heel to spread when fitted thereto and resting thereon.

G is a spreading-screw, attached to the rear end of part B, and

H is a long nut screwing on it, and journaled at one end in a socket in the part A, whereby the two parts may be spread, when the shoe is attached to the foot, to cause the heel to spread.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The improved horseshoe, composed of the two parts A B, beveled at I, as described, jointed to the toe-calk plate C by the pivots D E, and provided with the spreading-screw G and nut H, all substantially as specified.

SANFORD J. BAKER.

Witnesses:

WARREN CLOUGH,  
PERCY NUTTING.